

This circular will be sent regularly to all who apply for it.

United States Department of Agriculture,

WASHINGTON, D. C., October 31, 1914.

MONTHLY LIST OF PUBLICATIONS.

[OCTOBER, 1914.]

No publications are sold by the Department of Agriculture; therefore do not send money to this office.

Copies of any of the publications listed herein, except the Journal of Agricultural Research and publications of the Weather Bureau, may be obtained free upon application to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts.

When this department's supply is exhausted, publications can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase only, and at the prices noted herein.

Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

SPECIAL NOTICE.

An increasing number of requests for publications are being received daily in this division with incomplete addresses. Many correspondents fail to sign their names. Some do not give post-office addresses. Persons living in large cities fail to furnish the street address; and some give as the post-office address the name of an office that has been discontinued for years. The department is unable to handle correspondence unless the signature is legible and the post-office address given in full, with street number or rural route number, as the case may be. Correspondents are therefore earnestly requested to see that the complete address is given in all communications addressed to this department.

SERIALS.

Journal of Agricultural Research. Vol. 3, No. 1. October, 1914. Contents: Relative Water Requirements of Plants. By L. J. Briggs and H. L. Shantz.—Heart-Rot of Oaks and Poplars Caused by *Polyporus Dryophilus*. By George G. Hedgecock and W. H. Long.—Decomposition of Soil Carbonates. By W. H. MacIntire.—A Fungous Disease of Hemp. By Vera K. Charles and Anna E. Jenkins.—A More Accurate Method of Comparing First-Generation Maize Hybrids with Their Parents. By G. N. Collins. Pp. 1-91, pls. i-xi, figs. 2. Price, 25 cents.

NOTE.—THE JOURNAL OF AGRICULTURAL RESEARCH will be distributed free *only* to the libraries of agricultural colleges and experiment stations, to large universities, technical schools, and such institutions as make suitable exchanges with the department. It will not be sent free to individuals. The Superintendent of Documents will receive subscriptions for this publication, the price being \$2.50 per year, 12 numbers.

Experiment Station Record, Vol. XXXI, No. 4, September, 1914. E. W. Allen, Ph. D.; Editor. Pp. 301-400. Price, 15 cents.

Experiment Station Record, Vol. XXXI, No. 5, October, 1914. E. W. Allen, Ph. D., Editor. Pp. 401-496. Price, 15 cents.

The record contains numerous abstracts of the publications of the agricultural experiment stations and kindred institutions in this and other countries, articles and editorials on topics of special interest in agricultural science by American and foreign experts, and notes on the experiment stations. The Superintendent of Documents has fixed the price of this serial, which is now issued in two volumes a year, 10 numbers each, at \$1 a volume.

SERVICE AND REGULATORY ANNOUNCEMENTS.

NOTE.—Contain information, instructions, and notices of a regulatory nature. Issued monthly by certain bureaus. Free distribution limited to individuals, firms, establishments, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, at 5 cents each.

Bureau of Chemistry. June, 1914, Supplement. Pp. 423-521. Oct. 28, 1914.

Bureau of Chemistry. August, 1914. Pp. 631-636. Oct. 2, 1914.

Bureau of Chemistry. September, 1914. Pp. 687-689. Oct. 21, 1914.

Federal Horticultural Board. September, 1914. Pp. 71-72. Oct. 23, 1914.

SOIL SURVEYS.

Soil Survey of Pinellas County, Florida. By Grove B. Jones and T. M. Morrison. Pp. 31, pls. 6, fig. 1, map. (From F. O. Soils, 1913.) Price, 15 cents.

Soil Survey of Talbot County, Georgia. By R. A. Winston and H. W. Hawker. Pp. 40, fig. 1, map. (From F. O. Soils, 1913.) Price, 15 cents.

Soil Survey of Cass County, Nebraska. By A. H. Meyer, E. H. Smies, and T. M. Bushnell, of the U. S. Department of Agriculture, and R. J. Scarborough, P. W. Smith, R. R. Burn, and R. R. Spafford, of the Nebraska Soil Survey. Pp. 46, fig. 1, map. (From F. O. Soils, 1913.) Price, 15 cents.

Soil Survey of Henrico County, Virginia. By W. J. Latimer and M. W. Beck. Pp. 38, fig. 1, map. (From F. O. Soils, 1913.) Price, 15 cents.

Soil Survey of Forsyth County, North Carolina. By Risdén T. Allen, of the U. S. Department of Agriculture, and R. C. Jurney, of the North Carolina Department of Agriculture. Pp. 23, fig. 1, map. (From F. O. Soils, 1913.) Price, 15 cents.

BULLETINS.

Concrete Lining as Applied to Irrigation Canals. By Samuel Fortier, Chief of Irrigation Investigations. (Professional Paper.) October 31, 1914. (Department Bulletin 126.) Price, 10 cents.

This bulletin treats of the subject of concrete lining for irrigation canals from the standpoints of economy, design, and construction. It is intended for the use of irrigation engineers and the managers and superintendents of irrigation systems.

Citrus Fruit Insects in the Mediterranean Countries. By H. J. Quayle. Pp. 35, pls. 10, figs. 2. Contribution from the Bureau of Entomology. (Professional Paper.) Oct. 7, 1914. (Department Bulletin 134.) Price, 15 cents.

Of interest and value to importers and growers of citrus fruits.

Some Distinction in Our Cultivated Barleys with Reference to Their Use in Plant Breeding. By Harry V. Harlan, Agronomist in Charge of Barley Investigations, Office of Cereal Investigations. Pp. 38, figs. 76. Contribution from the Bureau of Plant Industry. (Professional paper.) Oct. 16, 1914. (Department Bulletin 137.) Price, 5 cents.

A large part of the data herein presented was obtained in cooperation with the Minnesota Agricultural Experiment Station, and the article itself was submitted as a thesis as required for the degree of doctor of science in the University of Minnesota. The subject is of interest to plant breeders and agronomists.

Principal Poisonous Plants of the Western Stock Ranges. By C. D. Marsh, Physiologist, Drug-Plant and Poisonous-Plant Investigations, Bureau of Plant Industry. Pp. 13, pls. 6. Oct. 31, 1914. Price, 10 cents.

How to use Anti-Hog-Cholera Serum. Pp. 5. (Reprinted from Farmers' Bulletin 590.) Bureau of Animal Industry.

FARMERS' BULLETINS.

The Farm Kitchen as a Workshop. By Anna Barrows. Pp. 20, figs. 6. Contribution from the Office of Experiment Stations. Oct. 8, 1914. (Farmers' Bulletin 607.)

This bulletin is of interest to farm women throughout the country.

Golden Seal Under Cultivation. By Walter Van Fleet, Physiologist, Drug-Plant and Poisonous-Plant Investigations. Pp. 15, figs. 5. Contribution from the Bureau of Plant Industry. Oct. 26, 1914. (Farmers' Bulletin 613.)

This bulletin is of interest to residents of Ohio, West Virginia, Kentucky, and adjoining States.

School Lessons on Corn. By C. H. Lane, Chief Specialist in Agricultural Education, Office of Experiment Stations. Pp. 14, figs. 5. Contribution from the Office of Experiment Stations. Oct. 22, 1914. (Farmers' Bulletin 617.)

Furnishes elementary lessons on corn and is of interest to rural-school teachers in all parts of the United States.

Leaf-Spot, A Disease of the Sugar-Beet. By C. O. Townsend, Pathologist in Charge of Sugar-Beet Investigations. Pp. 18, figs. 10. Contribution from the Bureau of Plant Industry. Oct. 8, 1914. (Farmers' Bulletin 618.)

A description of leaf-spot, a widespread disease of the sugar-beet, its reproduction, distribution, injurious effects, and methods of control are presented in this bulletin.

Game Laws for 1914. A Summary of the Provisions Relating to Seasons, Export, Sale, Limits, and Licenses. By T. S. Palmer, W. F. Bancroft, and Frank L. Earnshaw, Assistants, Biological Survey. Pp. 54, figs. 3. Contribution from the Bureau of Biological Survey. Oct. 20, 1914. (Farmers' Bulletin 628.)

The Agricultural Outlook. Contribution from the Bureau of Crop Estimates, Oct. 16, 1914. Pp. 35, figs. 5. (Farmers' Bulletin 629.)

CONTENTS.—General review of crop conditions, October 1, 1914—The wheat crop of 1913-14—The "world" wheat crop in 1914—The cotton crop—Sugar-beet forecast—Trend of prices of farm products—Condition, production, forecast, and prices of specified crops (tables)—Prices of farm products (tables).

PUBLICATIONS OF THE WEATHER BUREAU.

Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

National Weather and Crop Bulletin, October, 1914, reporting temperature, rainfall, and crop conditions throughout the United States. (Issued weekly, on Tuesday, April to October; monthly remainder of year.)

NOTE.—The publication of the National Weather Bulletin in the single sheet form was discontinued with the issue of June 29, 1914. Hereafter this bulletin will appear in quarto form of eight or more pages, and in addition to the usual weather and crop information it will contain diagrams showing for the preceding weeks, from the beginning of the season, the temperature and precipitation conditions over the larger crop-growing areas, with departures from the normal values. The diagrams will likewise contain certain data showing the condition of the principal crops in these areas from month to month. These latter will be furnished by the Bureau of Crop Estimates, U. S. Department of Agriculture.

JOS. A. ARNOLD,

Editor and Chief Division of Publications.

UNIVERSITY OF FLORIDA



3 1262 08853 1198